

What is Claimed is:

1. An antenna connection module for anchoring on an electronic device, comprising:
 - a rotary tray having one end fastened to the electronic device and other end having a plurality of anchor troughs formed thereon;
 - 5 an antenna dock coupling with the rotary tray and rotatable relative to the rotary tray without escaping; and
 - an anchor bump located in the antenna dock corresponding to the anchor troughs such that when the antenna dock is turned relative to the rotary tray the anchor bump is engaged with one of the anchor troughs to generate an anchoring effect.
- 10 2. The antenna connection module of claim 1, wherein the anchor bump is a rolling ball housed in the antenna dock at a location corresponding to the anchor troughs.
3. The antenna connection module of claim 2 further having an elastic element located on a rear side of the rolling ball to keep the rolling ball in the anchor trough in normal conditions.
- 15 4. The antenna connection module of claim 3, wherein the elastic element is a spring.
5. The antenna connection module of claim 1, wherein the rotary tray has a latch groove formed in a middle section to constrain the antenna dock from escaping from the rotary tray when the anchor dock turns relatively to the rotary tray.
6. The antenna connection module of claim 5, wherein the antenna dock has an anchor
20 hole to receive a pin to engage with the latch groove to prevent the antenna dock from escaping from the rotary tray when the anchor dock turns relatively to the rotary tray.
7. The antenna connection module of claim 1, wherein the antenna dock has one side extending to form an anchor strut to couple with a sleeve.
- 25 8. The antenna connection module of claim 7, wherein the anchor strut is hollow and

communicates with the rotary tray to allow an antenna to run from the electronic device through the rotary tray and the antenna dock and the anchor strut into the sleeve.

9. The antenna connection module of claim 1 further having a rubber ring interposed
5 between the rotary tray and the electronic device.